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Date: June 15, 2005  
Fax No.: 703-872-9308  
To: USPTO  
Art Unit: 1621  
Patent No.: 6,777,561  
Issue Date: August 17, 2004  
Docket No.: A1931-1P US  
Title: Compounds  
From: Jianzhong Shen

Customer No.: 22466

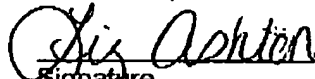
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Attachments

- 1) Revocation of POA with New POA and Change of Correspondence Address
- 2) Statement under 37 CFR 3.73(b)
- 3) Copy of Recorded Assignments

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AstraZeneca  
Global Intellectual Property  
1800 Concord Pike  
Wilmington DE-19850-5437

Tel: +1 302 886 3000  
Fax: +1 302 886 8221  
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AstraZeneca Pharmaceuticals LP  
1800 Concord Pike  
Wilmington, Delaware 19850-5438  
USA

PTO/SB/02 (04-05)

Approved for use through 11/30/2005. OMB 0051-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>REVOCAION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS</b>	Application Number	09/555,575
	Filing Date	June 1, 2000
	First Named Inventor	Delorme
	Art Unit	1621
	Examiner Name	Brian Davis
	Attorney Docket Number	A1931-1P US

**I hereby revoke all previous powers of attorney given in the above-identified application.**

A Power of Attorney is submitted herewith.

**OR**

I hereby appoint the practitioners associated with the Customer Number: 22466

Please change the correspondence address for the above-identified application to:

The address associated with Customer Number: 22466

**OR**

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Paul Denerley</i>		
Name	Paul Denerley		
Date	Telephone	44 20 73045324	
Date: <i>2 June 2005</i>			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.30. The information is required to obtain or retain a benefit by the public which is to flow (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/06 (03-04)

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Delonno et al.

Application No./Patent No.: 6,777,561 Filed/Issue Date: August 17, 2004

Entitled: Compounds

Astrazeneca Canada Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1.  the assignee of the entire right, title, and interest; or
- 2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Delonno et al. To: Astra Pharma Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 010075, Frame 0574, or for which a copy thereof is attached.

2. From: Astra Pharma Inc. To: AstraZeneca Canada Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 011217, Frame 0591, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.00]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Paul Denilov  
Signature

2 June 2005  
Date

Paul Denilov  
Printed or Typed Name

44 20 73045324  
Telephone Number

Director, IP Strategy  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Patent and Trademark Office  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 17, 2000

PTAS

PILLSBURY MADISON & SUTRO  
MICHAEL A. SANZO  
EAST TOWER - NINTH FLOOR  
1100 NEW YORK AVENUE, N.W.  
WASHINGTON, D.C. 20005-3918



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RECORDATION DATE: 06/01/2000

REEL/FRAME: 010875/0571  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DELOREME, DANIEL

DOC DATE: 03/09/2000

ASSIGNOR:  
GREGOR, VIAD

DOC DATE: 03/16/2000

ASSIGNOR:  
ROBERTS, EDWARD

DOC DATE: 04/13/2000

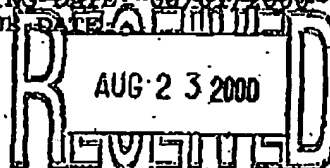
ASSIGNOR:  
SUN, ERIC

DOC DATE: 02/28/2000

ASSIGNEE:  
ASTRA PHARMA INC.  
1004 MIDDLEGATE ROAD  
MISSISSAUGA, ONTARIO L4Y 1M4,  
CANADA

SERIAL NUMBER: 09555575  
PATENT NUMBER:

FILING DATE: 06/01/2000  
ISSUE DATE: 06/01/2000



WASHINGTON, D.C.

010875/0574 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

A/D/581-4

06-29-2000

09/555575

U.S. DEPARTMENT OF COMMERCE  
 Patent and Trademark Office

FORM PTO-159 (Rev. 6-99)  
 GDM No. 0572-0111 (Page 4 of 4)

To the Honorable Commissioner of Patents and Trademarks  
 101391899

CT/PTO 31 JUN 2000  
 original documents or copy thereof.

1. Name of conveying party(ies):  
 Daniel Dukorne, Vlad Olegov, Edward Roberts, Eric Sun  
 Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
 Name: Astra Plurima Inc.  
 Internal Address:  
 Street Address: 1004 Micklegate Road  
 City/State/ZIP: Mississauga, Ontario L4Y 1M4  
 CANADA  
 Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
 Execution Date: March 9, 2000; March 16, 2000; April 13, 2000; and February 28, 2000; respectively

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is:  
 A. Patent Application No.(s)  
 ICT/ST99/01073  
 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Michael A. Sanzo  
 Internal Address:  
 Street Address: Pillsbury Madison & Sutro  
 East Tower - Ninth Floor  
 1100 New York Avenue, N.W.  
 City/State/ZIP: Washington, D.C. 20005-3918  
 06/09/2000 06:14:00 00000018 09555575  
 05 Fcr581 40.00 IP

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. § 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
 (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature:  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  
 Michael A. Sanzo  
 Name of Person Signing Michael A. Sanzo Signature May 31, 2000 Date  
 Total number of pages including cover sheet, attachments, and document: 4

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 Commissioner of Patents & Trademarks, Box Assignments,  
 Washington, D.C. 20231

FORM 6

PATENT/Docket No.: N 1931-1P US

ASSIGNMENT TO ASTRA PHARMA Inc.

**Title:** NOVEL COMPOUNDS USEFUL IN PAIN  
MANAGEMENT

**Inventors:** Daniel Delorme, Vlad Gregor, Edward Roberts  
and Eric Sun

**U.S. Appl. No:**

**U.S. Filing Date:**

**Execution Date of Application:**

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto ASTRA PHARMA Inc, a corporation of Canada having a place of business at 1004 Middlegate Road, Mississauga, Ontario L4Y 1M4, Canada, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to ASTRA PHARMA Inc., its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to ASTRA PHARMA Inc., or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to ASTRA PHARMA Inc.; make all rightful oaths; and generally do everything possible to aid ASTRA PHARMA Inc., its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

**FULL NAME OF FIRST/SOLE INVENTOR:** Daniel Delorme

**Signature of Inventor:** *[Signature]*

**Address:** MethylGene Inc., 7220 Frederick-Banting, Montréal, Quebec H4S 2A1, Canada

**Date:** March 9, 2000

**FULL NAME OF SECOND/JOINT INVENTOR:** Vlad Gregor

**Signature of Inventor:** \_\_\_\_\_

**Address:** 12283 Carmel Vista Rd, #219 San Diego, CA 92130, USA

**Date:** \_\_\_\_\_

**FULL NAME OF THIRD/JOINT INVENTOR:** Edward Roberts

**Signature of Inventor:** *[Signature]*

**Address:** Hohenweg 12, CH-4112 Flüh, Solothurn, Switzerland ..

**Date:** 13<sup>th</sup> March 2000

**FULL NAME OF FOURTH/JOINT INVENTOR:** Eric Sun

**Signature of Inventor:** \_\_\_\_\_

**Address:** Alanex Corp., 3550 General Atomics Ct., San Diego, CA 92121, USA

**Date:** \_\_\_\_\_

V&EG0.AST

2(2)



PATENT/Docket No.: N 1931-1P US

ASSIGNMENT TO ASTRA PHARMA Inc.

**Title:** NOVEL COMPOUNDS USEFUL IN PAIN  
MANAGEMENT  
**Inventors:** Daniel Delorme, Vlad Gregor, Edward Roberts  
and Eric Sun  
**U.S. Appl. No:**  
**U.S. Filing Date:**  
**Execution Date of Application:**

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto ASTRA PHARMA Inc, a corporation of Canada having a place of business at 1004 Middlegate Road, Mississauga, Ontario L4Y 1M4, Canada, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to ASTRA PHARMA Inc., its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to ASTRA PHARMA Inc., or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to ASTRA PHARMA Inc.; make all rightful oaths; and generally do everything possible to aid ASTRA PHARMA Inc., its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

V&EGO.AST

1(1)

FULL NAME OF FIRST/SOLE INVENTOR: Daniel Delorme  
Signature of Inventor: \_\_\_\_\_  
Address: MethylGene Inc., 7220 Frederick-Banting, Montréal, Quebec H4S 2A1, Canada  
Date: \_\_\_\_\_

FULL NAME OF SECOND/JOINT INVENTOR: Vlad Gregor  
Signature of Inventor: *Vlad Gregor*  
Address: 12283 Carmel Vista Rd, #219 San Diego, CA 92130, USA  
Date: *April 13, 2000*

FULL NAME OF THIRD/JOINT INVENTOR: Edward Roberts  
Signature of Inventor: \_\_\_\_\_  
Address: Höhenweg 12, CH-4112 Flüh, Solothurn, Switzerland  
Date: \_\_\_\_\_

FULL NAME OF FOURTH/JOINT INVENTOR: Eric Sun  
Signature of Inventor: *Eric Sun*  
Address: Alanex Corp., 3550 General Atomics Ct., San Diego, CA 92121, USA  
Date: *2-28-2000*

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

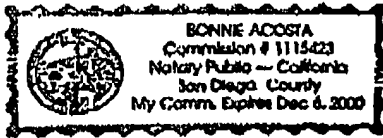
State of California

County of San Diego

On 13 April 2000 before me, Bonnie Acosta  
(Name and Title of Officer (e.g., "Jane Doe, Notary Public"))

personally appeared Vlad Gregor  
(Name(s) of Signer(s))

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Bonnie Acosta  
(Signature of Notary Public)

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*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment to Astra Pharma Inc. N1931-IP COL-16-US

Document Date: 4/13/00 Number of Pages: two

Signor(s) Other Than Named Above: Gregor, Sun, Roberts, Delorme

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Gregor

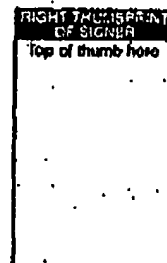
- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
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- Trustee
- Guardian or Conservator
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Signer is Representing:

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer is Representing:

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

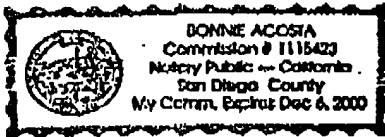
State of California

County of San Diego

On 28 Feb 2000 before me, Bonnie Acosta  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Eric Sun  
Name(s) of Signer(s)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Bonnie Acosta  
Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment to Astra Pharma Inc. N 1931-IP COL-16-US

Document Date: 2/28/00 Number of Pages: two

Signer(s) Other Than Named Above: Cregor, Sun, Roberts, Delorme

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Sun

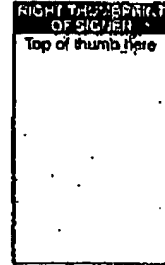
- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing:

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing:



UNITED STATES DEPARTMENT OF COMMERCE  
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ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JANUARY 09, 2001

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MICHAEL A. SANZO  
EAST TOWER-NINTH FLOOR  
1100 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005-3918



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RECORDATION DATE: 10/12/2000

REEL/FRAME: 011217/0591 -1  
NUMBER OF PAGES: 5

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ASTRA PHARMA INC.

DOC DATE: 12/22/1999

ASSIGNEE:  
ASTRAZENECA CANADA INC.  
1004 MIDDLEGATE ROAD  
MISSISSAUGA, ONTARIO, CANADA

L4Y 1M4

SERIAL NUMBER: 09254227  
PATENT NUMBER:

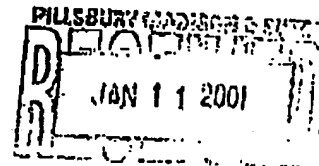
FILING DATE: 03/03/1999  
ISSUE DATE:

SERIAL NUMBER: 09341016  
PATENT NUMBER:

FILING DATE: 07/01/1999  
ISSUE DATE:

SERIAL NUMBER: 09554326  
PATENT NUMBER:

FILING DATE: 05/12/2000  
ISSUE DATE:



011217/0591 PAGE 2

SERIAL NUMBER: 09029633 PATENT NUMBER:	FILING DATE: 03/05/1998 ISSUE DATE:
SERIAL NUMBER: 09555576 PATENT NUMBER:	FILING DATE: ISSUE DATE:
SERIAL NUMBER: 09555579 PATENT NUMBER:	FILING DATE: ISSUE DATE:
SERIAL NUMBER: 09555580 PATENT NUMBER:	FILING DATE: ISSUE DATE:
SERIAL NUMBER: 09555575 PATENT NUMBER:	FILING DATE: 06/01/2000 ISSUE DATE:
SERIAL NUMBER: 09029468 PATENT NUMBER: 6153626	FILING DATE: 03/03/1998 ISSUE DATE: 11/28/2000
SERIAL NUMBER: 08836830 PATENT NUMBER: 6130222	FILING DATE: 04/24/1997 ISSUE DATE: 10/10/2000
SERIAL NUMBER: 09460722 PATENT NUMBER:	FILING DATE: 12/14/1999 ISSUE DATE:
SERIAL NUMBER: 09460723 PATENT NUMBER:	FILING DATE: 12/14/1999 ISSUE DATE:
SERIAL NUMBER: 08981700 PATENT NUMBER:	FILING DATE: 01/07/1998 ISSUE DATE:

ANTHONY ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRO

11-13-2000

10-12-00



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101513462

To the Honorable Commissioner of Patents and Trademarks, original documents or copy thereof.

1. Name of conveying party(ies):

Astra Pharma Inc.

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: AstraZeneca Canada Inc.

Internal Address:

OCT 12

Street Address: 1004 Middlegate Road

City/State/ZIP: Mississauga, Ontario L4Y 1M4

CANADA

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: December 22, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

SEE LIST ATTACHED

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Sanzo

Internal Address:

Street Address: Pillsbury Madison & Sutro  
First Tower - Ninth Floor  
1100 New York Avenue, N.W.

City/State/ZIP: Washington, D.C. 20005-3918

6. Total number of applications and patents involved:

13

7. Total Fee (37 C.F.R. § 3.41) \$ 530.00

- Inclosed
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

1/2000 HYH11 00000020 09254227

DO NOT USE THIS SPACE

1:581 520.00

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Sanzo  
Name of Person Signing

*Michael A. Sanzo*  
Signature

October 12, 2000  
Date

Total number of pages including cover sheet, attachments, and document:

6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

FORM 6-03 WP 9

**List of Applications on Which the Name of the Assignee Should Be Changed from Astra Pharma Inc. to AstraZeneca Canada Inc.**

09/254,227

09/341,016

09/554,326

09/029,633

09/555,576

09/555,579

09/555,580

09/555,575

09/029,468

08/836,830

09/460,722

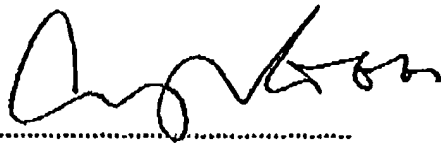
09/460,723

08/981,700

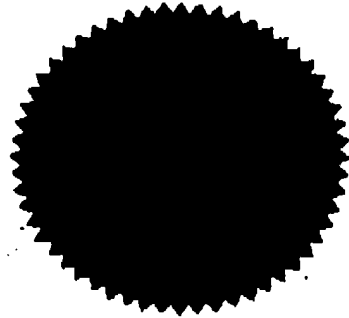
10078182V1



I ANTHONY JANION GIBBS of Wilmstow, Cheshire, England, Notary Public duly authorised admitted and sworn and practising within the United Kingdom of Great Britain and Northern Ireland do hereby certify that the photostat matter hereto annexed is a true copy of a document the original of which was produced to me at Macclesfield, Cheshire, England, this 22<sup>nd</sup> day of June in the year two thousand.



.....  
Anthony Janlon Gibbs  
Notary Public

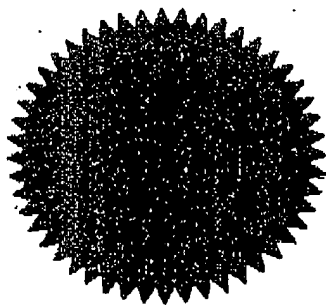


CANADA )  
 )  
 PROVINCE OF ONTARIO )  
 )  
 CITY OF TORONTO )  
 )  
 TO WIT: )

I, STEPHEN DOUGLAS BODLEY, a Notary Public in and for the Province of Ontario, by Royal Authority duly appointed, residing in the City of Toronto in the said Province DO HEREBY CERTIFY that the paper writing hereto annexed, the first page of which is stamped with an impression of my seal, is a true and correct photostatic copy of documents produced and shown to me out of custody of Blake, Cassels & Graydon LLP, Toronto, Ontario and purporting to be the original Certificate and Articles of Amendment of **ASTRAZENECA CANADA INC.** issued by the Ministry of Consumer and Commercial Relations and dated December 31, 1999, the said photostatic copy having been compared by me, page for page, with the said original documents, an act whereof being requested I have granted the same under my hand and notarial seal of office to serve and avail as occasion shall or may require.

DATED at Toronto this *13<sup>th</sup>* day of *March*, 2000.

*Stephen Douglas Bodley*  
 \_\_\_\_\_  
 A Notary Public in and for  
 the Province of Ontario



For Ministry Use Only  
À l'usage exclusif du ministère



Ministry of  
Consumer and  
Commercial Relations

Ministère de  
la Consommation  
et du Commerce

**CERTIFICATE**  
This is to certify that these  
articles are effective on

**CERTIFICAT**  
Ceci certifie que les présents  
statuts entrent en vigueur le

**DECEMBER 31 DÉCEMBRE, 1999**

Ontario Corporation Number  
néro de la société en Ontario  
**77196**

*Carl D. Hill*  
Director / Directeur  
Business Corporations Act / Loi sur les sociétés par actions

Form 9  
Articles of  
Incorporation  
Act  
  
annexe 9  
des lois sur  
les sociétés par  
actions

**ARTICLES OF AMENDMENT  
STATUTS DE MODIFICATION**

1. The name of the corporation is: *Dénomination sociale de la société:*  
**ASTRA PHARMA INC.**

2. The name of the corporation is changed to (if applicable): *Nouvelle dénomination sociale de la société (s'il y a lieu):*

**ASTRAZENECA CANADA INC.**

3. Date of incorporation/amalgamation: *Date de la constitution ou de la fusion:*  
**1954 JUNE 28**  
*(Year, Month, Day)  
(année, mois, jour)*

4. The articles of the corporation are amended as follows: *Les statuts de la société sont modifiés de la façon suivante.*

**To change the name of the Corporation to:**

**ASTRAZENECA CANADA INC.**

4 OREGON  
SI 3 (B.C.A.)  
07/98  
  
1011 173

5. The amendment has been duly authorized as required by Sections 160 & 170 (as applicable) of the Business Corporations Act.

*La modification a été dûment autorisée conformément aux articles 160 et 170 (selon le cas) de la Loi sur les sociétés par actions.*

6. The resolution authorizing the amendment was approved by the shareholders/directors (as applicable) of the corporation on

*Les actionnaires ou les administrateurs (selon le cas) de la société ont approuvé la résolution autorisant la modification le*

**1999 DECEMBER 22**

*(Year, Month, Day)  
(année, mois, jour)*

These articles are signed in duplicate.

*Les présents statuts sont signés en double exemplaire.*

**ASTRA PHARMA INC.**

*(Name of Corporation)  
(Dénomination sociale de la société)*

By/Par:

*[Handwritten Signature]*

*(Signature)  
(Signature)*

*President*

*(Description of Office)  
(Fonction)*